

PROJECT PROFILE



The Advanced Materials Centre

Project: Suspension bridge, near Tianjin,
China

Suspended span: 364 m

Total length: 2838 m

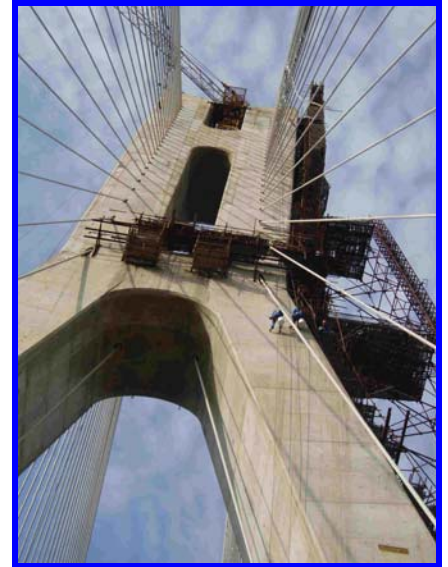
Tower heights: 140 m

Designer: Tianjin Municipal Engineering
Design Institute

General Contractor: Tianjin No.3 Municipal
Engineering Company

Gemite product: **Gem-Gard SX**

Objective: the protection of a new reinforced concrete suspension bridge structure against water and airborne salt from the nearby ocean. The thorough testing of **Gem-Gard SX** by an independent laboratory in China proved that **Gem-Gard SX** provided effective protection at economical cost. The total project area is 50,000 m². The bridge towers were protected by spray applying **Gem-Gard SX** in 2003. The projects will be completed in 2004 by protecting the suspended reinforced concrete slab with **Gem-Gard SX**.



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